



Level 1 Validation Certificate

This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.

Call Date: 9/26/2018

Water Supplier

Supplier Name:	Ventura County waterworks District 1
Supplier Participants:	Elizabeth Smith, Eric Keller, Joe Valdivia, Sean Hanley and Jean Fontayne

Key Audit Metrics

Data Validity Score:	64	
ILI:	-0.11	
Real Loss:	-2.1	gal / conn / day
Apparent Loss:	7.8	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	0.7%	

Validator

Validator:	Kate Gasner, Water Systems Optimization
Validator Qualifications:	Water Audit Validator Certificate from the AWWA California Nevada Section

Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Ventura County acknowledged the outcome of the negative audit as a product of unresolved uncertainty in the water audit inputs. Master meter error adjustment and/or pro-rating of billing data are likely contributors, but in the validation session, all inputs were appropriately derived and graded given currently available information.

Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.

Water Supplier Name: Ventura County Waterworks District No. 1

Water Supplier Public Water System ID: 5610018

Water Audit Period: Calendar 2018

Water Audit & Water Loss Improvement Steps

Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.

Implemented Sedaru GIS Model for asset management and were able to better qualify miles of pipeline and various asset specifics.

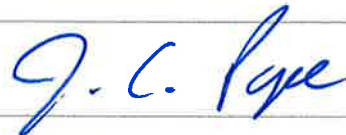
Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print): Joseph C. Pope

Executive Position: Water & Sanitation Director

Signature:



Date: 09/30/2019